

What is claimed is:

1. A concentrated bleach-fixing composition for a silver halide color photographic material, comprising an aminopolycarboxylic acid iron complex and a thiosulfate, wherein the bleach-fixing composition further comprises at least one compound selected from the group consisting of a phosphate salt, polyphosphate salt, an imidazole compound and a diaminotriazine compound; and the aminopolycarboxylic acid iron complex having a Fe(II) ratio of not less than 50 mol%.

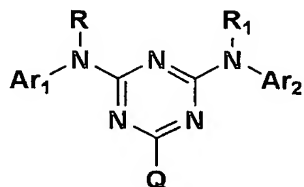
2. The bleach-fixing composition of claim 1, wherein said at least one compound is selected from the group consisting of a phosphate salt, polyphosphate salt, an imidazole compound, and the imidazole compound is a compound represented by the following formula (1) or its derivative:



wherein R1 is a hydrogen atom, an alkyl group having 1 to 3 carbon atom which may be substituted by an amino group or hydroxy group, an alkenyl group or a halogen atom; n is an integer of 1 to 3; A is an imidazole moiety.

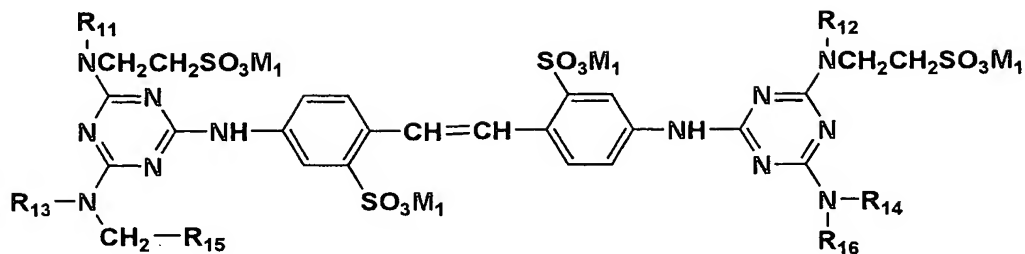
3. The bleach-fixer composition of claim 1, wherein said at least one compound is selected from the group consisting of a diaminotriazine compound and the diaminotriazine compound is represented by the following formula (I), (II) or (III):

formula (I)



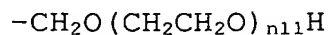
wherein Ar<sub>1</sub> and Ar<sub>2</sub> are independently an aromatic carbocyclic group or an aromatic heterocyclic group, provided that at least one of Ar<sub>1</sub> and Ar<sub>2</sub> contains at least two water-solubilizing groups or each of Ar<sub>1</sub> and Ar<sub>2</sub> contains at least one water-solubilizing group; Q is a hydrogen atom, hydroxy group, mercapto group, carboxyl group, sulfo group, -NR<sub>2</sub>R<sub>3</sub>, -OR<sub>2</sub> or a halogen atom, in which R<sub>2</sub> and R<sub>3</sub> are each a hydrogen atom, an alkyl group or a phenyl group; R and R<sub>1</sub> are independently an alkyl group having 1 to 3 carbon atom or a hydroxyalkyl group having 1 to 3 carbon atoms;

formula (II)



wherein R<sub>11</sub> and R<sub>12</sub> are independently a hydrogen atom or an alkyl group; R<sub>13</sub> and R<sub>14</sub> are independently a hydrogen atom, an alkyl group or an aryl group; R<sub>15</sub> is an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (II-a); R<sub>16</sub> is an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (II-b); M<sub>1</sub> is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group or a pyridinium group; provided that R<sub>13</sub> and R<sub>15</sub>, or R<sub>14</sub> and R<sub>16</sub> may combine with each other to form a ring:

formula (II-a)



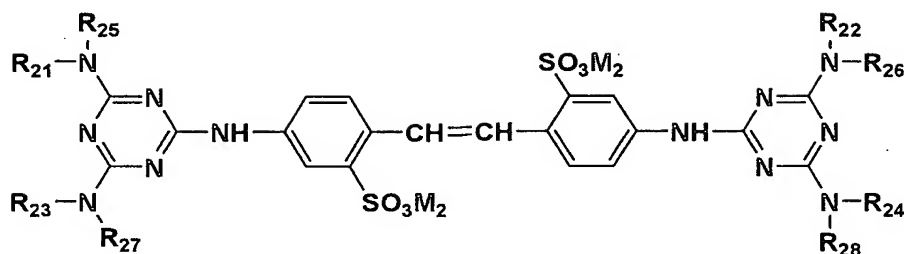
wherein n11 is an integer of 1 to 3;

formula (II-b)



wherein n12 is an integer of 2 to 4;

formula (III)



wherein R<sub>21</sub>, R<sub>22</sub>, R<sub>23</sub> and R<sub>24</sub> are independently a hydrogen atom, an alkyl group or an aryl group; R<sub>25</sub> and R<sub>26</sub> are independently an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (III-a); R<sub>27</sub> and R<sub>28</sub> are independently an alkyl group containing at least one asymmetric carbon atom; M<sub>2</sub> is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group or a pyridinium group; provided that R<sub>21</sub> and R<sub>25</sub>, R<sub>22</sub> and R<sub>26</sub>, R<sub>23</sub> and R<sub>27</sub>, or R<sub>24</sub> and R<sub>28</sub> may combine with each other to form a ring:

formula (III-a)



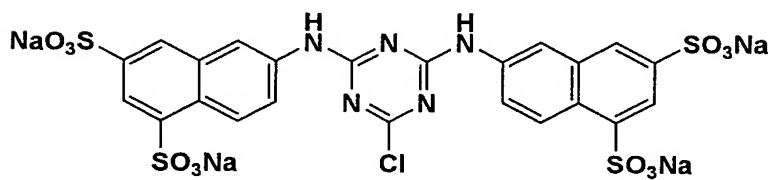
wherein n21 is an integer of 2 to 4.

4. The bleach-fixer composition of claim 3, wherein the diaminotriazine compound is selected from the group consisting of the following compounds of I-1 through I-17:

I-1



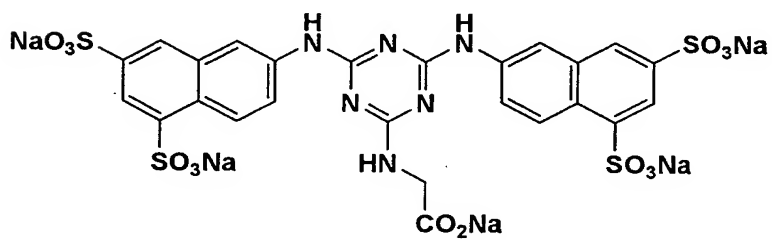
I-2



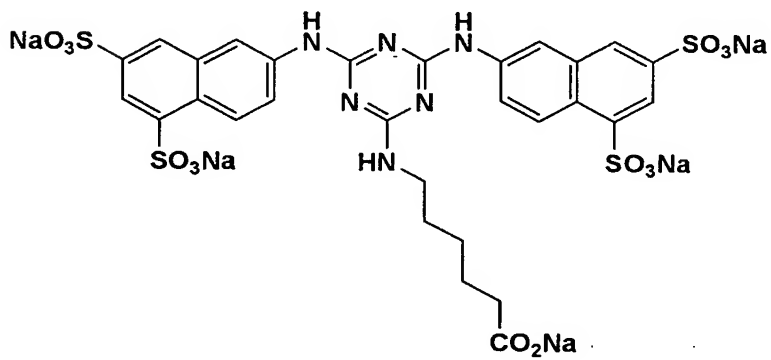
I-3



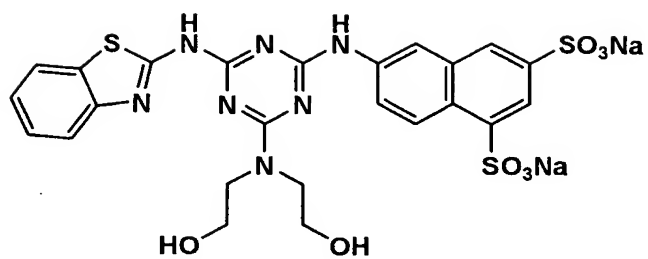
I-4



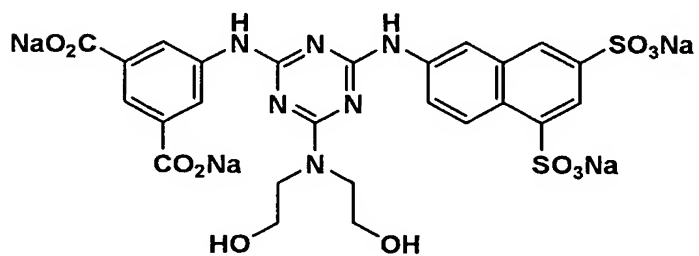
I-5



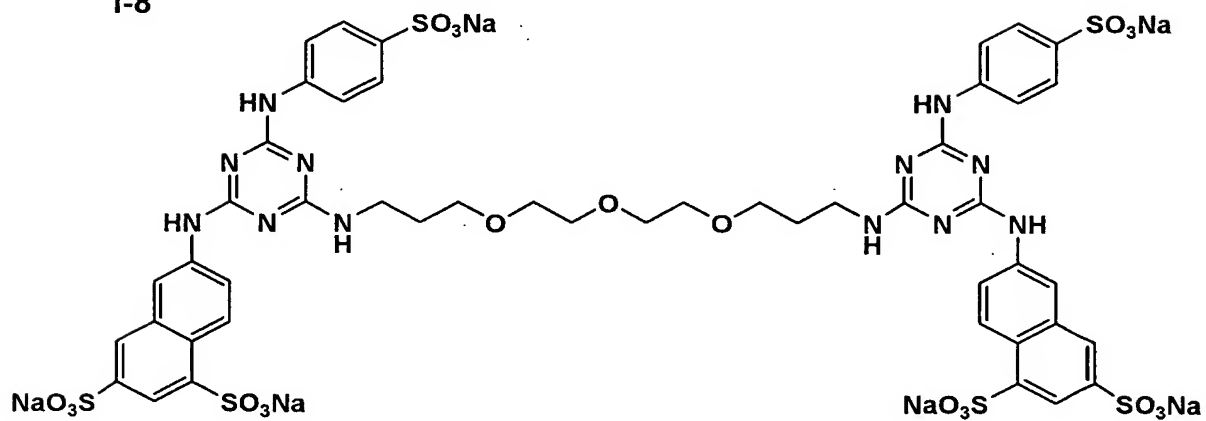
I-6



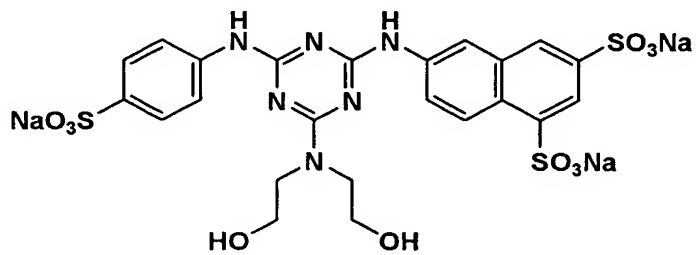
I-7



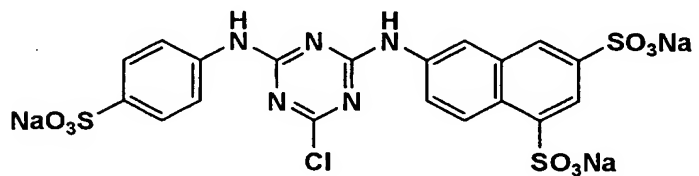
I-8



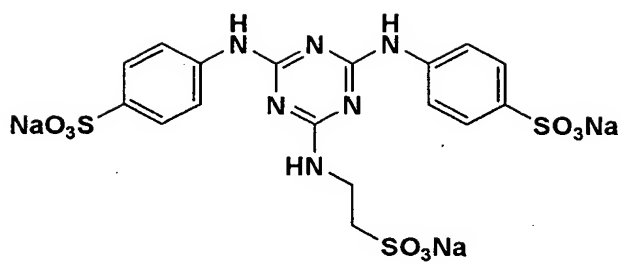
I-9



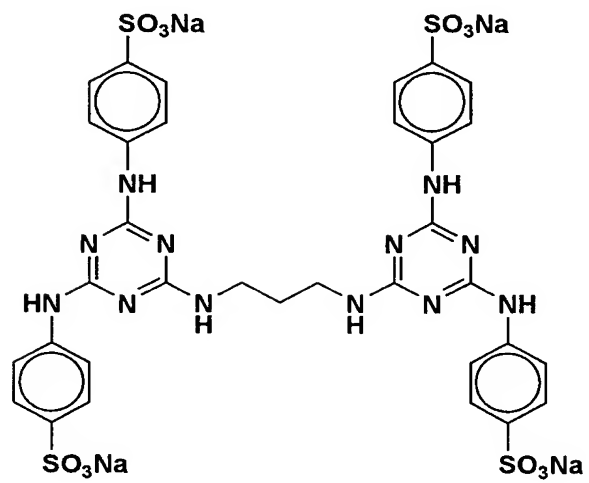
I-10



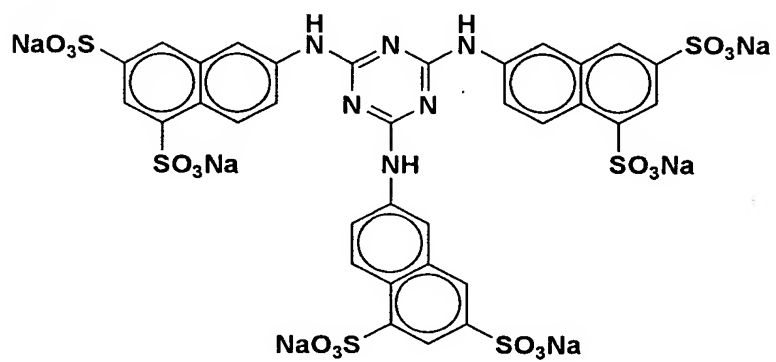
I-11



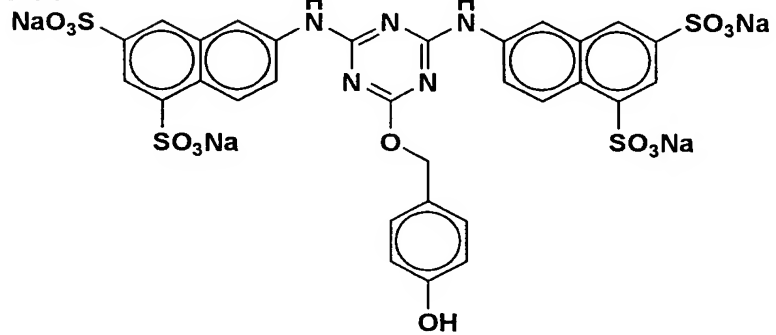
I-12



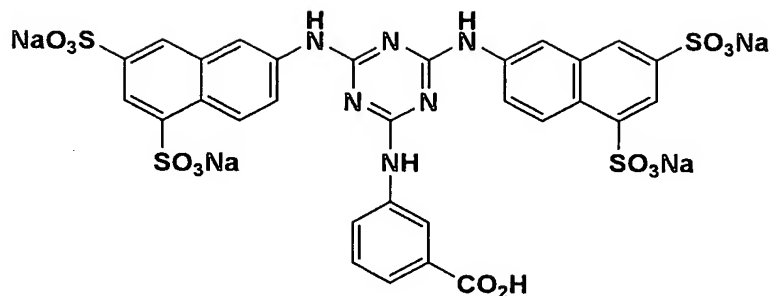
I-13



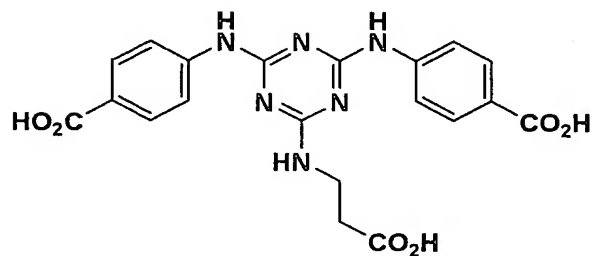
I-14



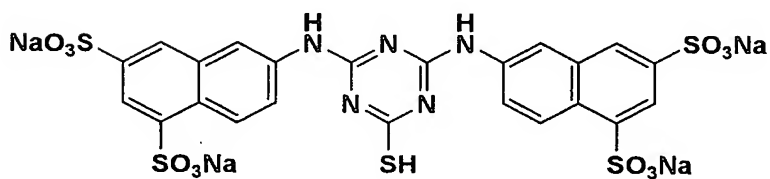
I-15



I-16



I-17



5. The bleach-fixers composition of claim 1, wherein the aminopolycarboxylic acid iron complex has a Fe(II) ratio of not less than 80 mol%.

6. The bleach-fixers composition of claim 1, wherein a molar ratio of aminopolycarboxylic acid ligand to iron is within the range of 1.01:1.00 to 1.08:1.00.



7. The bleach-fixer composition of claim 1, wherein the bleach-fixer composition exhibits a pH of 4 to 7.

8. The bleach-fixer composition of claim 2, wherein at least 80 mol% of an aminopolycarboxylic acid ligand is accounted for by ethylenediaminetetraacetic acid.

9. The bleach-fixer composition of claim 8, wherein 100 mol% of an aminopolycarboxylic acid ligand is ethylenediaminetetraacetic acid.

10. The bleach-fixer composition of claim 3, wherein the bleach-fixer composition comprises a nitrate salt.

11. The bleach-fixer composition of claim 10, wherein the nitrate salt is in an amount of 5 to 10 mol% of the aminopolycarboxylic acid iron complex.

12. A method of processing a silver halide color photographic material comprising bleach-fixing an imagewise exposed and developed silver halide photographic material with a bleach-fixer composition as claimed in claim 1.